



## **Maine EMS Approved Equipment**

Updated: October 1, 2013

- 1) Tourniquet required elements: (Approved July 2013)
  - a. Commercially manufactured device
  - b. Be a minimum of 1 inch wide
  - c. Be latex free
  - d. Use a windlass or mechanical advantage to tighten the device

While it is understood that there are a wide variety of tourniquets now commercially available, the small body of evidence and user accounts support that the necessary pressure required to compress deep arteries is not easily or practically achieved by devices that do not utilize mechanical advantage. It is with this same thought that tourniquets carried on Maine EMS licensed ambulances and used by providers should be commercially developed and proven effective.

Caution should be used when purchasing tourniquets as cheaper imitation devices have been made available over the past few years, in particular, an imitation version of the Combat Application Tourniquet – CAT. These devices have been documented to fail on a regular basis and will not support the forces needed to compress vessels. Information may be found on the CAT website regarding means to identify imitation devices.

Finally, in an effort to ensure effectiveness, it is recommended by the manufactures that tourniquets placed in the field for patient care be maintained in their original packaging, be preserved for patient care only (not used in training) and be considered a one-time use device.

- 2) CPAP Device Requirements:
  - a. Full Face Mask
  - b. Continuous flow device
  - c. Must be a device capable of adjusting FiO<sub>2</sub> so must run on Oxygen
  - d. Capable of regulating PEEP (7.5 to 10cm H<sub>2</sub>O)
  - e. Must be completely latex-free.
  - f. The ability to attach a nebulizer is optional but encouraged

- 3) IV-Pump required elements (updated September 18,2013)
  - a. FDA-approved
  - b. Customizable Drug Library: This would help prevent medication errors by preprogramming according to medication formulary and Maine EMS protocols.
  - c. Latex-free tubing system
  - d. Needle-free tubing / ports
  - e. Administration sets with integral free flow protection
  - f. Battery and AC power source

- 4) EZ-IO (tibial and humeral head in adult, tibial in peds)
- 5) FAST1 sternal IO- LOM only
- 6) Masimo Rad 57 Carbon Monoxide Detector (11/15/06)
- 7) Turkel needle for chest decompression only (09/08/08)
- 8) SureVent from Hartwell Medical
- \*NOTE: for pre-hospital cardiac arrest use only; not for transfers (10/10/08)
- 9) X-Collar, the cervical splint (11/26/08)
- 10) Cook Needle Decompression Kit (07/07/09)
- 11) O<sub>2</sub>-RESQ with BiTrac ED Mask (disposable CPAP) from BoundTree Medical (08/31/09)
- 12) S-SCORT S3 oropharyngeal evacuation tool as an optional additional device (06/16/10)
- 13) Pertrach, Quick Trach, Nu-trache, etc

Note MDPB approved cric kits only if they follow the method of piecing the cricothyroid membrane